

16002-15012T

93385896  
 CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-755

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-755

GENERATOR

TRANSPORTER

RECEIVING FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CAD086510005</b>		Manifest Document No. <b>85896</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address <b>Douglas Aircraft Company</b> <b>19503 South Normandie Avenue, Torrance, CA 90502</b>						A. State Manifest Document Number <b>93385896</b>							
4. Generator's Phone <b>(310) 533-7926</b> or <b>(310) 533-7231</b>						B. State Generator's ID <b>H AHQ 36005898</b>							
5. Transporter 1 Company Name <b>Laidlaw Environmental Services of CA, Inc.</b>						C. State Transporter's ID <b>423515</b>							
6. US EPA ID Number <b>CAD000083121</b>						D. Transporter's Phone <b>(310) 518-4700</b>							
7. Transporter 2 Company Name						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address <b>Enesco West, Inc.</b> <b>1737 East Denni Street</b> <b>Wilmington, CA 90744</b>						G. State Facility's ID <b>H AHQ 3610452517</b>							
10. US EPA ID Number <b>CAD044429835</b>						H. Facility's Phone <b>(310) 835-9998</b>							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number	
a. Waste isocyanate solutions, n.o.s., 6.1, UN2207, PG III						No. Type		Quantity		Wt/Vol		State EPA/Other	
						001 DM		00075		P		331 N/A	
b. (Instapak component "B") Non-RCRA hazardous waste liquid						001 DM		00130		P		331 N/A	
c.												State EPA/Other	
d.												State EPA/Other	
J. Additional Descriptions for Materials Listed Above 11a) W MDS # 520465. Instapak component "A" b) W MDS # 520465. Instapak component "B"						K. Handling Codes for Wastes Listed Above a. T07 b. R01 c. d.							
15. Special Handling Instructions and Additional Information 24 Hour emergency telephone number ( 800) 424- 9300 (Chemtrec). DOT ERG# 11a)55 b)31													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <b>Robert G. Tuell, Jr.</b>						Signature <i>Robert G. Tuell, Jr.</i>				Month Day Year <b>07 07 94</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>Wilbur L. Fike</b>						Signature <i>Wilbur L. Fike</i>				Month Day Year <b>07 07 94</b>			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name						Signature				Month Day Year			
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name <b>Pat Choomngern</b>													
Signature <i>Pat Choomngern</i>						Month Day Year <b>07 13 94</b>							

DO NOT WRITE BELOW THIS LINE.

16002-15012T

See Instructions on back of page 6.

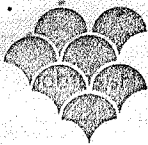
Department of Toxic Substances Control  
Sacramento, California

93385896  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7

GENERATOR  
TRANSPORTER  
FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
		CAD0865110005	85896	of 1	
3. Generator's Name and Mailing Address <b>Douglas Aircraft Company</b> 19503 South Normandie Avenue, Torrance, CA 90502 4. Generator's Phone (310) 533-7926 or (310) 533-7231			A. State Manifest Document Number 93385896		
5. Transporter 1 Company Name <b>Laidlaw Environmental Services of CA, Inc.</b>			B. State Generator's ID H1AHO36005698		
6. US EPA ID Number CAD0000083121			C. State Transporter's ID 423515		
7. Transporter 2 Company Name			D. Transporter's Phone (310) 518-4700		
8. US EPA ID Number			E. State Transporter's ID		
9. Designated Facility Name and Site Address <b>Enesco West, Inc.</b> 1737 East Denni Street Wilmington, CA 90744			F. Transporter's Phone		
10. US EPA ID Number CAD044429835			G. State Facility's ID		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			H. Facility's Phone (310)835-9998		
			12. Containers	13. Total Quantity	14. Unit Wt/Vol
			No.	Type	
a. Waste isocyanate solutions, n.o.s., 6.1, UN2207, PG III			001	DM	00075 P
b. (Instapak component "B") Non-RCRA hazardous waste liquid			001	DM	00130 P
c.					
d.					
J. Additional Descriptions for Materials Listed Above 11a) WMDs # 520465. Instapak component "A" b) WMDs # 520465. Instapak component "B"			K. Handling Codes for Wastes Listed Above a. b. c. d.		
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Printed/Typed Name Robert G. Tuell, Jr.		Signature Robert G. Tuell, Jr.		Month 07	Day 07
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature Wilbur L. Fike		Month 07	Day 07
Printed/Typed Name Wilbur L. Fike		Signature		Month	Day
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Day
Printed/Typed Name		Signature		Month	Day
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month	Day

DO NOT WRITE BELOW THIS LINE.



**ensco**  
environmental systems company

## LAND DISPOSAL RESTRICTION NOTIFICATION FORM

### SECTION I

Generator Name: Douglas Aircraft Co.

Manifest No.: 93385896/85896 Doc #

### SECTION II

#### SPENT SOLVENT WASTE (268.30) AND CALIFORNIA LIST WASTE (268.32)

##### A. Spent Solvent Wastes (F001-F005)

[ ] This shipment, as referenced by the above manifest number, contains waste(s) which correspond to USEPA Hazardous Waste Code(s) [ ] F001, [ ] F002, [ ] F003, [ ] F004 and/or [ ] F005.

The above referenced waste(s) must be treated to meet the treatment standard expressed as Constituent Concentration in the Waste Extract as outlined in 40 CFR 268.41 Table CCWE or in 40 CFR 268.43 Table CCW below.

Table CCW -- Constituent Concentrations in Waste

F001-F005 Spent Solvents	Total Concentration	
	Wastewaters (mg/L)	Non-Wastewaters (mg/Kg)
(Check each constituent known to be in the waste referenced above)		
<input type="checkbox"/> Acetone	0.28	160
<input type="checkbox"/> Benzene	0.070	3.7
<input type="checkbox"/> n-Butyl alcohol	5.6	2.6
<input type="checkbox"/> Carbon disulfide	0.014	N/A
<input type="checkbox"/> Carbon tetrachloride	0.057	5.6
<input type="checkbox"/> Chlorobenzene	0.057	5.7
<input type="checkbox"/> Cresols (m- and p- isomers)	0.77	3.2
<input type="checkbox"/> O-cresol	0.11	5.6
<input type="checkbox"/> Cyclohexanone	0.36	N/A
<input type="checkbox"/> O-Dichlorobenzene	0.088	6.2
<input type="checkbox"/> Ethyl acetate	0.34	33
<input type="checkbox"/> Ethyl benzene	0.057	6.0
<input type="checkbox"/> Ethyl ether	0.12	160
<input type="checkbox"/> Isobutyl alcohol	5.6	170
<input type="checkbox"/> Methanol	5.6	N/A
<input type="checkbox"/> Methylene chloride	0.089	33
<input type="checkbox"/> Methyl ethyl ketone	0.28	36
<input type="checkbox"/> Methyl isobutyl ketone	0.14	33
<input type="checkbox"/> Nitrobenzene	0.068	14
<input type="checkbox"/> Pyridine	0.014	16
<input type="checkbox"/> Tetrachloroethylene	0.056	5.6
<input type="checkbox"/> Toluene	0.08	28
<input type="checkbox"/> 1,1,1-Trichloroethane	0.054	5.6
<input type="checkbox"/> 1,1,2-Trichloroethane	0.030	7.6
<input type="checkbox"/> 1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	28
<input type="checkbox"/> Trichloroethylene	0.054	5.6
<input type="checkbox"/> Trichlorofluoromethane	0.02	33
<input type="checkbox"/> Xylenes (Total)	0.32	28

Table CCWE-Constituent Concentrations in Waste Extract

	TCLP Concentrations (mg/l)	
<input type="checkbox"/> Carbon Disulfide	N/A	4.8
<input type="checkbox"/> Cyclohexanone	N/A	0.75
<input type="checkbox"/> Methanol	N/A	0.75

F005 Spent solvents 2-Nitropropane and 2-Ethoxyethanol have treatment standards outlined in 40 CFR 268.42 and must be referenced in Section III of this form.

☐ - If indicated by "X", any or all of the above specified waste codes are able to be land disposed without further treatment and are referenced to Certification Statement Section V.

"X" Here, if applicable

Rev. 6/93

## B. California List Wastes

[ ] This shipment, as referenced by the above manifest number, contains waste(s) corresponding to USEPA Hazardous Waste Code(s) \_\_\_\_\_

The above referenced waste(s) must be treated to meet the treatment standards as set forth in 40 CFR 268, Subpart D, or where specific treatment standards are not applicable, or where the hazardous waste contains any of the constituents below not already covered under existing treatment standards, the waste must be treated in accordance with the requirements specified in 40 CFR 268.32 and RCRA Section 3004(d).

### CALIFORNIA LIST CONSTITUENTS AND THEIR PROHIBITION LEVELS

CONSTITUENT	CONCENTRATION
*Cyanides	1,000 mg/L
*Arsenic	500 mg/L
*Cadmium	100 mg/L
*Chromium VI	500 mg/L
*Lead	500 mg/L
*Mercury	20 mg/L
Liquid Hazardous Waste Containing Nickel	134 mg/L
*Selenium	100 mg/L
Liquid Hazardous Waste Containing Thallium	130 mg/L
*Liquids with pH ≤ 2.0	—
Liquids with PCBs	50 ppm
Hazardous Wastes containing HOCs**	1,000 mg/Kg

\*Generally, liquid hazardous wastes containing any of these constituents are subject to more specific treatment standards which supercede the California List Prohibitions and should be referenced in Section III of this form. However, some solid hazardous debris may be subject to an extension in the effective date and may be subject to these prohibitions if any of these constituents are contained in concentrations equal to or greater than what is specified.

\*\*Halogenated Organic Carbon (See 40 CFR 268 Appendix III).

[ ] - If indicated by "X", any or all of the above specified waste codes are able to be land disposed without further treatment and are referenced to certification statement Section V. "X" here, if applicable

## SECTION III

## OTHER RESTRICTED WASTES

☒ Restricted Waste(s) contained in this shipment and referenced by the above manifest number are listed below and are subject to the treatment standards set forth in 268.41, 268.42, and/or 268.43.

For each waste code, list the following information where applicable: Subcategory; Treatability Group (NWW or WW); 5-letter treatment code for specified technology in 268.42 (INCIN, DEACT, STABL, RMERC, FSUBS) or CFR Section and Paragraph for concentration based standards [268.41(a) and/or 268.43(a)].

USEPA Hazardous Waste Code(s)	Subcategory If Applicable*	CFR Section and Paragraph Treatability Group	By "X" are Referenced Treatment Technology** OR (5-letter Treatment Code)	Waste Codes Indicated	
				(268.41(a) and/or Statement Section V	to Certification
N/R		(circle one) WW / <u>NWW</u>			
		WW / NWW			
		WW / NWW			
		WW / NWW			
		WW / NWW			
		WW / NWW			
		WW / NWW			
		WW / NWW			
		WW / NWW			
		WW / NWW			

\*Required for the following waste codes: D001, D002, D003, D006, D008, D009, F025, K069, K071, K106, P065, P092 and U151.

\*\*Not all treatment codes are acceptable at the El Dorado, Arkansas facility. The three most common codes accepted are INCIN, DEACT, STABL.

**SECTION IV****LAB PACK CERTIFICATION**

In accordance with 40 CFR 268.7(a)(8) and 268.7(a)(9), the lab pack wastes contained in this shipment corresponding to the USEPA Hazardous Waste Codes listed below

_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

are identified as restricted wastes and are referenced by the above manifest number. I submit the following certification statement(s) where applicable:

☐ **Appendix IV Lab Pack Wastes  
(Organometallic)**

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only the wastes specified in appendix IV to part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Signature \_\_\_\_\_

Title \_\_\_\_\_ Date \_\_\_\_\_

Treatment Technology: INCIN followed by STABL

☐ **Appendix V Lab Pack Wastes  
(Organic)**

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste and that the lab pack contains only organic wastes specified in Appendix V to Part 268 or solid wastes not subject to regulation under 40 CFR Part 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Signature \_\_\_\_\_

Title \_\_\_\_\_ Date \_\_\_\_\_

Treatment Technology: INCIN

Lab pack wastes with hazardous waste codes not specified by EPA in 40 CFR 268 Appendix IV or V are referenced in Section III of this form.

**SECTION V CERTIFICATION OF RESTRICTED WASTE WHICH MAY BE LAND DISPOSED  
WITHOUT FURTHER TREATMENT**

☐ This shipment includes waste(s) which can be land disposed without further treatment.

In accordance with 268.7(a)(2) and regarding those restricted waste(s) contained in this shipment, these waste(s) may be land disposed without further treatment. I submit the following certification statement:

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

(This certification is referenced to the appropriate USEPA Hazardous Waste Code in the foregoing appropriate Sections II or III).

## SECTION VI

## LEACHATE DESIGNATED F039

[ ] This shipment contains waste(s) designated with USEPA Hazardous Waste Code F039.

The above referenced waste(s) must be treated to meet the treatment standard expressed as Constituent Concentration in the Waste Extract as outlined in 40 CFR 268.41 Table CCWE or in 40 CFR 268.43 Table CCW excerpted below.

Table CCW -- Constituent Concentrations in Waste

(Check each constituent known to be in the waste(s) referenced above)

	WW (mg/L)	NWW (mg/Kg)		WW (mg/L)	NWW (mg/Kg)		WW (mg/L)	NWW (mg/Kg)
[ ] Acetone	0.28	160	[ ] p-Dichlorobenzene	0.090	6.2	[ ] p-Nitroaniline	0.028	28
[ ] Acenaphthalene	0.059	3.4	[ ] Dichlorodifluoromethane	0.23	7.2	[ ] Nitrobenzene	0.068	14
[ ] Acenaphthene	0.059	4.0	[ ] 1,1-Dichloroethane	0.059	7.2	[ ] 5-Nitro-o-toluidine	0.32	28
[ ] Acetonitrile	0.17	NA	[ ] 1,2-Dichloroethane	0.21	7.2	[ ] 4-Nitrophenol	0.12	29
[ ] Acetophenone	0.010	9.7	[ ] 1,1-Dichloroethylene	0.025	33	[ ] N-Nitrosodiethylamine	0.40	28
[ ] 2-Acetylaminofluorene	0.059	140	[ ] trans-1,2-Dichloroethylene	0.054	33	[ ] N-Nitrosodimethylamine	0.40	NA
[ ] Acrolein	0.29	NA	[ ] 2,4-Dichlorophenol	0.044	14	[ ] N-Nitroso-di-n-butylamine	0.40	17
[ ] Acrylonitrile	0.24	84	[ ] 2,6-Dichlorophenol	0.044	14	[ ] N-Nitrosomethylethylamine	0.40	2.3
[ ] Aldrin	0.021	0.066	[ ] 1,2-Dichloropropane	0.85	18	[ ] N-Nitrosomorpholine	0.40	2.3
[ ] 4-Amino-biphenyl	0.13	NA	[ ] cis-1,3-Dichloropropene	0.036	18	[ ] N-Nitrosopiperidine	0.013	35
[ ] Aniline	0.81	14	[ ] trans-1,3-Dichloropropene	0.036	18	[ ] N-Nitrosopyrrolidine	0.013	35
[ ] Anthracene	0.059	4.0	[ ] Dieldrin	0.017	0.13	[ ] Parathion	0.014	4.6
[ ] Aramite	0.36	NA	[ ] Diethyl phthalate	0.20	28	[ ] Pentachlorobenzene	0.055	37
[ ] Aroclor 1016	0.013	0.92	[ ] 2,4-Dimethyl phenol	0.036	14	[ ] Pentachlorodibenzo-furans	0.000063	0.001
[ ] Aroclor 1221	0.014	0.92	[ ] Dimethyl phthalate	0.047	28	[ ] Pentachlorodibenzo-p-dioxins	0.000063	0.001
[ ] Aroclor 1232	0.013	0.92	[ ] Di-n-butyl phthalate	0.057	28	[ ] Pentachloronitrobenzene	0.055	4.8
[ ] Aroclor 1242	0.017	0.92	[ ] 1,4-Dinitrobenzene	0.32	2.3	[ ] Pentachlorophenol	0.089	7.4
[ ] Aroclor 1248	0.013	0.92	[ ] 4,6-Dinitro-o-cresol	0.28	160	[ ] Phenacetin	0.081	16
[ ] Aroclor 1254	0.014	1.8	[ ] 2,4-Dinitrophenol	0.12	160	[ ] Phenanthrene	0.059	3.1
[ ] Aroclor 1260	0.014	1.8	[ ] 2,4-Dinitrotoluene	0.32	140	[ ] Phenol	0.039	6.2
[ ] alpha-BHC	0.00014	0.066	[ ] 2,6-Dinitrotoluene	0.55	28	[ ] Phorate	0.021	4.6
[ ] beta-BHC	0.00014	0.066	[ ] Di-n-octyl phthalate	0.017	28	[ ] Phthalic anhydride	0.069	NA
[ ] delta-BHC	0.023	0.066	[ ] Di-n-propylnitrosoamine	0.40	14	[ ] Pronamide	0.093	1.5
[ ] gamma-BHC	0.0017	0.066	[ ] Diphenylamine	0.52	NA	[ ] Pyrene	0.067	8.2
[ ] Benzene	0.14	36	[ ] 1,2-Diphenyl hydrazine	0.087	NA	[ ] Pyridine	0.014	16
[ ] Benz(a)anthracene	0.059	8.2	[ ] Diphenyl nitrosamine	0.40	NA	[ ] Saffrole	0.081	22
[ ] Benzo(b)-fluoranthene	0.055	3.4	[ ] 1,4-Dioxane	0.12	170	[ ] Silvex (2,4,5-TP)	0.72	7.9
[ ] Benzo(k)-fluoranthene	0.059	3.4	[ ] Disulfoton	0.017	6.2	[ ] 2,4,5-T	0.72	7.9
[ ] Benzo(g,h,i)-perylene	0.0055	1.5	[ ] Endosulfan I	0.023	0.066	[ ] 1,2,4,5-Tetrachlorobenzene	0.055	19
[ ] Benzo(a)pyrene	0.061	8.2	[ ] Endosulfan II	0.029	0.13	[ ] Tetrachlorodibenzo-furans	0.000063	0.001
[ ] Bromodichloromethane	0.35	15	[ ] Endosulfan sulfate	0.029	0.13	[ ] Tetrachlorodibenzo-p-dioxins	0.000063	0.001
[ ] Bromoform (Tribromomethane)	0.63	15	[ ] Endrin	0.0028	0.13	[ ] 1,1,1,2-Tetrachloroethane	0.057	42
[ ] Bromomethane (methyl bromide)	0.11	15	[ ] Endrin aldehyde	0.025	0.13	[ ] 1,1,2,2-Tetrachloroethane	0.057	42
[ ] 4-Bromophenyl phenyl ether	0.055	15	[ ] Ethyl acetate	0.34	33	[ ] Tetrachloroethylene	0.055	5.6
[ ] n-Butyl alcohol	5.6	2.6	[ ] Ethyl benzene	0.057	6.0	[ ] 2,3,4,6-Tetrachlorophenol	0.030	37
[ ] Butyl benzyl phthalate	0.017	7.9	[ ] Ethyl cyanide	0.24	360	[ ] Toluene	0.08	28
[ ] 2-sec-Butyl-4,6-dinitrophenol	0.066	2.5	[ ] Ethyl ether	0.12	160	[ ] Toxaphene	0.0095	1.3
[ ] Carbon disulfide	0.014	N/A	[ ] bis(2-Ethylhexyl) phthalate	0.28	28	[ ] 1,2,4-Trichlorobenzene	0.055	19
[ ] Carbon tetrachloride	0.057	5.6	[ ] Ethyl methacrylate	0.14	160	[ ] 1,1,1-Trichloroethane	0.054	5.6
[ ] Chlordane	0.0033	0.13	[ ] Ethylene Oxide	0.12	NA	[ ] 1,1,2-Trichloroethane	0.054	5.6
[ ] p-Chloroaniline	0.46	16	[ ] Famphur	0.017	15	[ ] 2,4,5-Trichlorophenol	0.18	37
[ ] Chlorobenzene	0.057	5.7	[ ] Fluoranthene	0.068	8.2	[ ] 2,4,6-Trichlorophenol	0.035	37
[ ] Chlorobenzilate	0.10	NA	[ ] Fluorene	0.059	4.0	[ ] 1,2,3-Trichloropropene	0.85	28
[ ] 2-Chloro-1,3-butadiene	0.057	NA	[ ] Fluorotrithloromethane	0.020	33	[ ] 1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	28
[ ] Chlorodibromomethane	0.057	15	[ ] Heptachlor	0.0012	0.066	[ ] Trichloroethylene	0.054	5.6
[ ] Chloroethane	0.27	6.0	[ ] Heptachlor epoxide	0.016	0.066	[ ] Tris(2,3-dibromopropyl) phosphate	0.11	NA
[ ] bis(2-Chloroethoxy) methane	0.036	7.2	[ ] Hexachlorobenzene	0.055	37	[ ] Vinyl chloride	0.27	33
[ ] bis(2-Chloroethyl) ether	0.033	7.2	[ ] Hexachlorobutadiene	0.055	28	[ ] Xylenes (Total)	0.32	28
[ ] Chloroform	0.046	5.6	[ ] Hexachlorocyclopentadiene	0.057	3.6	[ ] Cyanides (Total)	1.2	1.8
[ ] bis(2-Chloroisopropyl) ether	0.055	7.2	[ ] Hexachlorodibenzo-furans	0.000063	0.001	[ ] Floride	35	NA
[ ] p-Chloro-m-cresol	0.018	14	[ ] Hexachlorodibenzo-p-dioxins	0.000063	0.001	[ ] Sulfide	14	NA
[ ] Chloromethane (Methyl Chloride)	0.19	33	[ ] Hexachloroethane	0.055	28			
[ ] 2-Chloronaphthalene	0.055	5.6	[ ] Hexachloropropene	0.035	28			
[ ] 2-Chlorophenol	0.044	5.7	[ ] Indeno(1,2,3-c,d)pyrene	0.0055	8.2			
[ ] 3-Chloropropylene	0.036	28	[ ] Iodomethane	0.19	65			
[ ] Chrysene	0.059	8.2	[ ] Isobutyl alcohol (Isobutanol)	5.6	170			
[ ] Cresols (m- and p- isomers)	0.77	3.2	[ ] Isodrin	0.021	0.066	[ ] Antimony	1.9	NA
[ ] O-cresol	0.11	5.6	[ ] Isosaffrole	0.081	2.6	[ ] Arsenic	1.4	NA
[ ] Cyclohexanone	0.36	N/A	[ ] Kepone	0.0011	0.13	[ ] Barium	1.2	NA
[ ] 1,2-Dibromo-3-chloropropane	0.11	15	[ ] Methacrylonitrile	0.24	84	[ ] Beryllium	0.82	NA
[ ] 1,2-Dibromoethane	0.028	15	[ ] Methanol	5.6	NA	[ ] Cadmium	0.20	NA
[ ] Dibromoethane	0.11	15	[ ] Methapyrene	0.081	1.5	[ ] Chromium (total)	0.37	NA
[ ] 2,4-Dichlorophenoxyacetic acid (2,4D)	0.72	10	[ ] Methoxychlor	0.25	0.18	[ ] Copper	1.3	NA
[ ] o,p'-DDD	0.023	0.087	[ ] 3-Methylcholanthrene	0.0055	15	[ ] Lead	0.28	NA
[ ] p,p'-DDD	0.023	0.087	[ ] 4,4-Methylene-bis-(2-chloro-aniline)	0.50	35	[ ] Mercury	0.15	NA
[ ] o,p'-DDE	0.031	0.087	[ ] Methylene chloride	0.089	33	[ ] Nickel	0.55	NA
[ ] p,p'-DDE	0.031	0.087	[ ] Methyl ethyl ketone	0.28	36	[ ] Selenium	0.82	NA
[ ] o,p'-DDT	0.0039	0.087	[ ] Methyl isobutyl ketone	0.14	33	[ ] Silver	0.29	NA
[ ] p,p'-DDT	0.0039	0.087	[ ] Methyl methacrylate	0.14	160	[ ] Thallium	1.4	NA
[ ] Dibenz(a,h) anthracene	0.055	8.2	[ ] Methyl methansulfonate	0.018	NA	[ ] Vanadium	0.042	NA
[ ] Dibenzo(a,e) pyrene	0.051	NA	[ ] Methyl parathion	0.014	4.6	[ ] Zinc	1.0	NA
[ ] m-Dichlorobenzene	0.036	6.2	[ ] Naphthalene	0.059	3.1			
[ ] o-Dichlorobenzene	0.088	6.2	[ ] 2-Naphthylamine	0.52	NA			

Table  
CCWE  
NWW  
(mg/L)

## SECTION VII HAZARDOUS DEBRIS SUBJECT TO ALTERNATIVE TREATMENT STANDARDS

[ ] This shipment contains hazardous debris as defined in 40 CFR 268.2(h) and corresponding to USEPA waste codes

Effective November 9, 1992, this hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45. This debris contains the following constituents subject to treatment:

- ☐ Constituents of treatment standards for the above listed wastes as described in 268.41 and/or 268.43.
- ☐ Toxicity Characteristics (D004-D043) \_\_\_\_\_  
(Specify Chemical Name(s)) \_\_\_\_\_
- ☐ Reactive Sulfide or Cyanide

## SECTION VIII WASTES SUBJECT TO AN EXTENSION IN THE EFFECTIVE DATE (Check Where Appropriate)

[ ] This shipment contains waste(s) which are subject to an extension in the effective date.

	<u>Waste Code</u>	<u>Effective Date</u>
<input type="checkbox"/>	F037 Debris	6-30-94
<input type="checkbox"/>	F038 Debris	6-30-94
<input type="checkbox"/>	Debris contaminated with a newly listed waste [specify code(s)] _____ _____ _____	6-30-94
<input type="checkbox"/>	_____ Debris	5-8-94
<input type="checkbox"/>	_____ Other	_____

These wastes do not need to be referenced in Section III of this form. However, these wastes may be subject to the California List Prohibitions - See Section IIB of this form

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that all information submitted in this document is complete and accurate to the best of my knowledge and information.

X Signature Robert G. Truell, Jr. Title Senior Plant Engineer Date 07-07-94 Rev. DA 5/93

### INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS \*

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a **no-fire** spill incident during transport.

## D.O.T. EMERGENCY RESPONSE GUIDE 31

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE.

ID No.	NAME OF MATERIAL	SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
		First ISOLATE in all directions—(Feet)	Then, PROTECT those persons in the DOWNWIND direction—(Miles)	First, ISOLATE in all directions—(Feet)	Then, PROTECT those persons in the DOWNWIND direction—(Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, **and NO FIRE exists**, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO  
(NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.



## D.O.T. EMERGENCY RESPONSE GUIDE 31

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: Non-RCRA Hazardous waste liquid  
(Instapak comp B)

Technical Name(s): \_\_\_\_\_

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: 800/424-9300  
(chemtrec)

## D.O.T. EMERGENCY RESPONSE GUIDE 31

### POTENTIAL HAZARDS

#### **FIRE OR EXPLOSION**

Some of these materials may burn, but none of them ignites readily.

#### **HEALTH HAZARDS**

Contact may cause burns to skin and eyes.

Fire may produce irritating or poisonous gases.

Runoff from fire control or dilution water may cause pollution.

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.

Positive pressure self-contained breathing apparatus (SCBA) and structural

firefighters' protective clothing will provide limited protection.

**CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.**

If water pollution occurs, notify the appropriate authorities.

#### **FIRE**

**Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.

**Large Fires:** Water spray, fog or regular foam.

Move container from fire area if you can do it without risk.

**Do not scatter spilled material with high-pressure water streams.**

Dike fire-control water for later disposal.

#### **SPILL OR LEAK**

Stop leak if you can do it without risk.

**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

**Large Spills:** Dike far ahead of liquid spill for later disposal.

Cover powder spill with plastic sheet or tarp to minimize spreading.

#### **FIRST AID**

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page **IF THERE IS NO FIRE.**

**READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!**

## INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a no-fire spill incident during transport.

# D.O.T. EMERGENCY RESPONSE GUIDE 55

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

ID No.	NAME OF MATERIAL	SMALL SPILLS (Leak or spill from a small package or spill from many small packages)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages)	
		First, ISOLATE these persons in the downwind direction—(feet)	Then, PROTECT these persons in the downwind direction—(feet)	First, ISOLATE these persons in the downwind direction—(feet)	Then, PROTECT these persons in the downwind direction—(feet)
1062	Methyl Bromide	600	2	900	3
1135	Ethylene Chlorohydrin	150	0.8	150	0.8
1541	Acetone Cyanohydrin	150	0.2	150	0.2
1556	Methyldichloroarsane	150	0.2	150	0.2
1560	Arsenic Chloride	1200	4	1500	5
1569	Arsenic Trichloride	1200	4	1500	5
1581	Bromacalcine	150	0.2	150	0.2
1581	Chloropicrin and Methyl Bromide Mixture	150	0.8	1200	4
1581	Methyl Bromide and Chloropicrin Mixture	150	0.8	1200	4
1605	Dibromocyclohexane	150	0.2	150	0.2
1605	Ethylene Dibromide	150	0.2	150	0.2
1670	Phenylmethyl Mercaptan	150	0.8	150	0.8
1697	Chloroacetophenone	900	3	1200	4
1704	Tetraethylthiopyrophosphate, Dry, Liquid, or Mixture	150	0.2	150	0.2
1889	Cyanogen Bromide	900	3	900	3
1892	Ethylchloroarsane	150	0.2	150	0.2
1916	Dichloroethyl Ether	150	0.2	150	0.2
1916	Dichloroethyl Ether	150	0.2	150	0.2
2290	IPDI	900	3	900	3
2290	Isophorone Diisocyanate	900	3	900	3
2457	Phenyl Isocyanate	150	0.2	150	0.2
2489	Diphenylmethane-4,4'-Diisocyanate (MDI)	150	0.2	150	0.2
2489	Hexachlorocyclotriene	150	0.4	150	0.4
2668	Chloroacetone	150	0.2	150	0.2
2810	Poisonous Liquid, N.O.S. (Person B) (When "Inhalation Hazard" is on a package or shipping paper)	1200	4	1500	5
2810	Poisonous Liquid, N.O.S. (Person C) (When "Inhalation Hazard" is on a package or shipping paper)	1200	4	1500	5
9262	Aminodimethyl-Butyroltrifluoride	150	0.2	150	0.2
9263	Chlorophenyl Chloride	150	0.2	150	0.2
9264	3,5-Dichloro-2,4,6-Trifluorobenzene	150	0.2	150	0.2
9267	Sulfur Chloride and Carbon Tetrachloride Mixture	600	2	600	2
9268	Phenylisocyanate	150	0.2	150	0.2

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, **and NO FIRE exists**, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

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## DOT EMERGENCY RESPONSE GUIDE 55

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: Waste Isocyanate solutions,  
N.O.S.

Technical Name(s): Polymethylene Polyphenyl-  
isocyanate

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: 800/424-9300 (Chemtrec)

## DOT EMERGENCY RESPONSE GUIDE 55

### POTENTIAL HAZARDS

#### HEALTH HAZARDS

Poisonous; may be fatal if inhaled, swallowed or absorbed through skin.  
Contact may cause burns to skin and eyes.  
Runoff from fire control or dilution water may give off poisonous gases and cause water pollution.  
Fire may produce irritating or poisonous gases.

#### FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.  
Container may explode violently in heat of fire.

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.  
Stay upwind; keep out of low areas, and ventilate closed spaces before entering.  
Positive pressure self-contained breathing apparatus (SCBA) and chemical protective clothing which is specifically recommended by the shipper or manufacturer may be worn. It may provide little or no thermal protection.  
Structural firefighters' protective clothing is not effective for these materials.  
Remove and isolate contaminated clothing at the site.  
**CALL CHEMTREC AT 1-800-424-9300 AS SOON AS POSSIBLE,**  
especially if there is no local hazardous materials team available.

#### FIRE

**Small Fires:** Dry chemical, water spray or regular foam.  
**Large Fires:** Water spray, fog or regular foam.  
Move container from fire area if you can do it without risk.  
Fight fire from maximum distance. Stay away from ends of tanks.  
Dike fire-control water for later disposal; do not scatter the material.

#### SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.  
Fully-encapsulating, vapor-protective clothing should be worn for spills and leaks with no fire.  
Use water spray to reduce vapors.  
**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.  
**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely, move containers from spill area.  
**Large Spills:** Dike far ahead of liquid spill for later disposal.

#### FIRST AID

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen.  
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.  
Speed in removing material from skin is of extreme importance.  
Remove and isolate contaminated clothing and shoes at the site.  
Keep victim quiet and maintain normal body temperature.  
Effects may be delayed, keep victim under observation.

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Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page **IF THERE IS NO FIRE.**

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